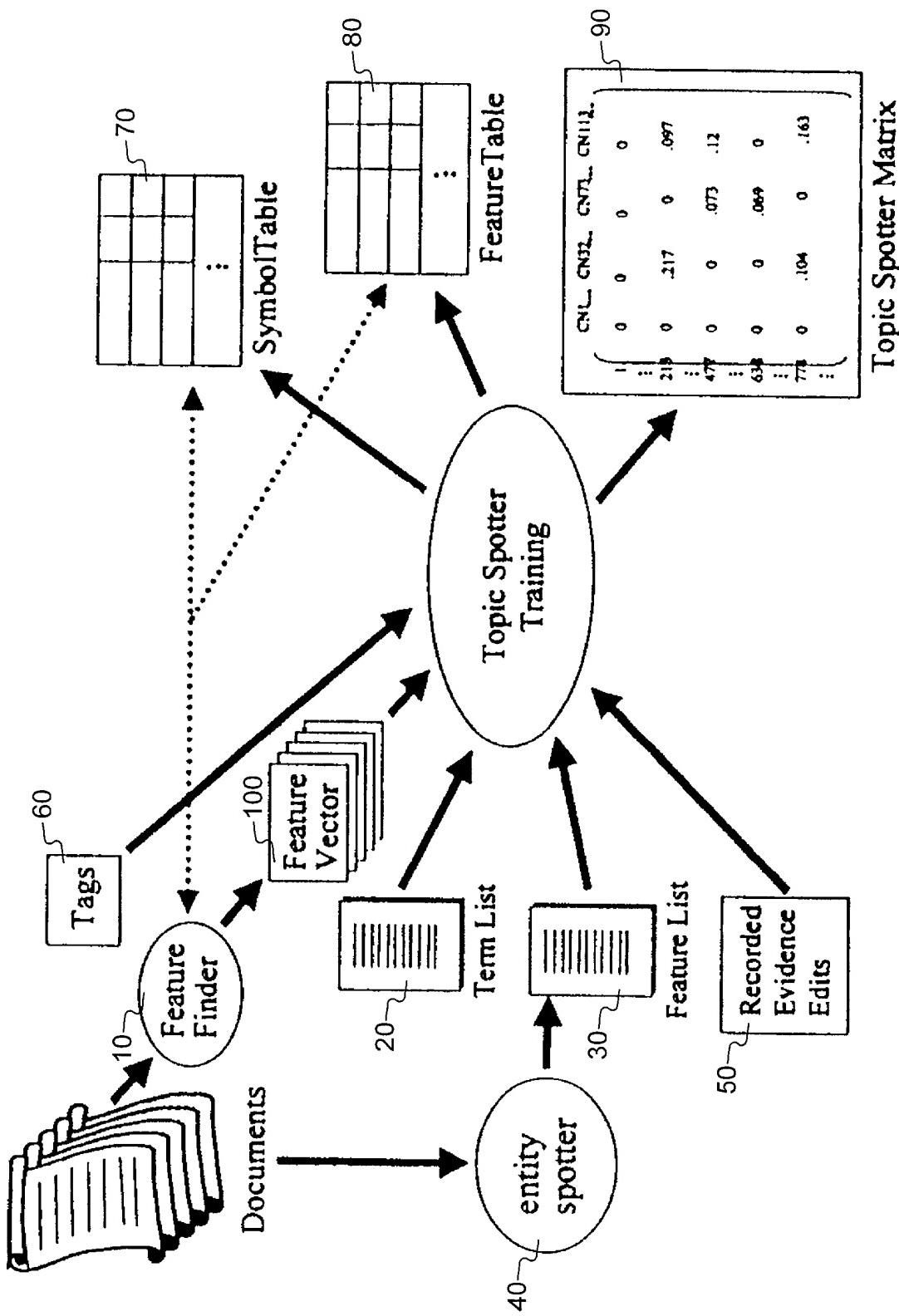


FIG. 1



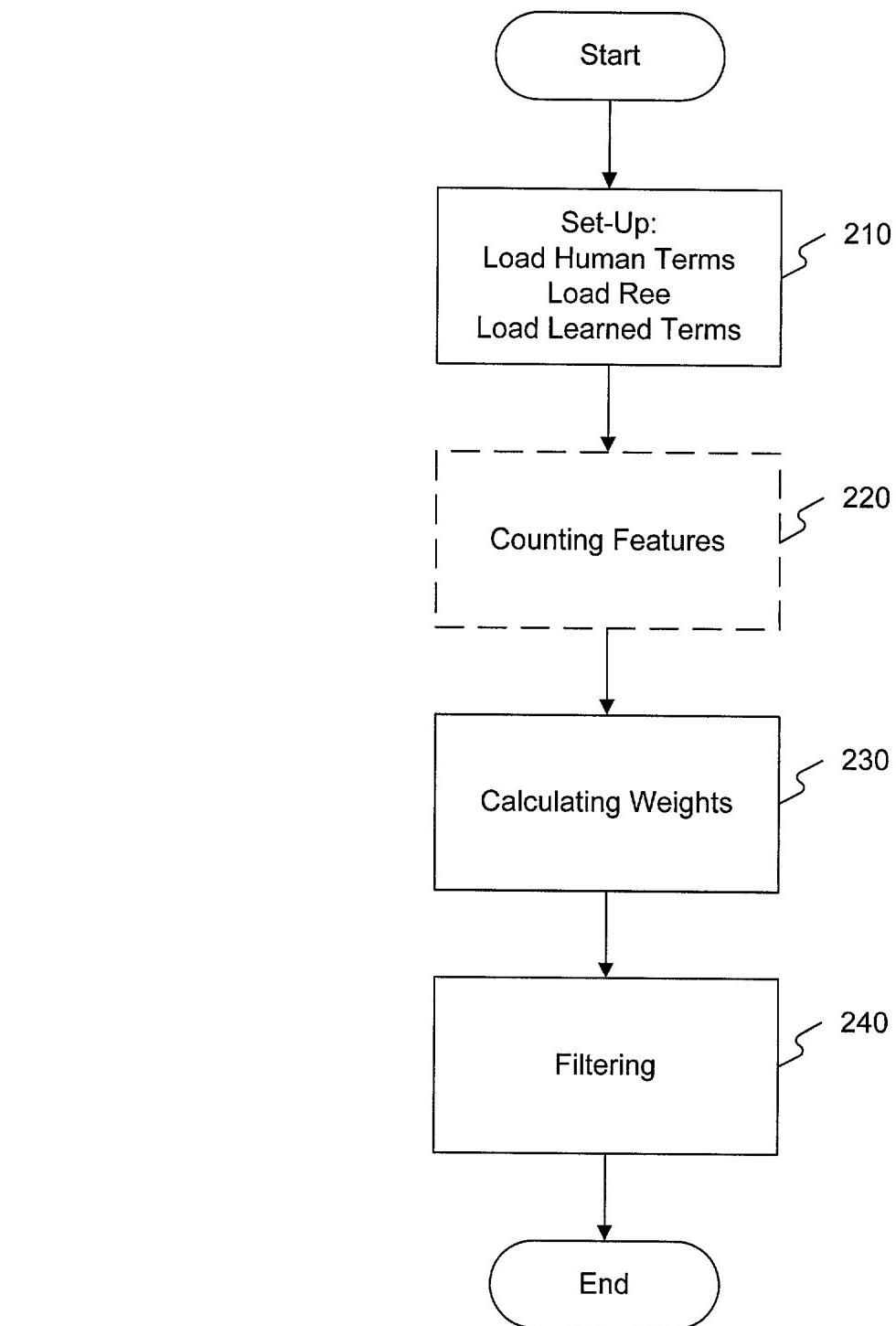


FIG. 2

```

termList {
    term "Windows"           {exactMatch = true;}
    term "SLIP"               {exactMatch = true;}
    term "connectors"         {exactMatch = true;}
    term "Office"              {exactMatch = true;}
    term "Outlook"             {exactMatch = true;}
    term "Chooser"              {exactMatch = true;}
    term "Finder"                {exactMatch = true;}
    term "Ethernet network"     {embeddedTermsAllowed = false;}
    term "network browser"      {embeddedTermsAllowed = false;}
    term "AGP graphics"        {embeddedTermsAllowed = false;}
    term "PDF format"          {embeddedTermsAllowed = false;}
    term "memory partition"     {embeddedTermsAllowed = false;}
    term "memory allocation"     {embeddedTermsAllowed = false;}
    term "ibook firewire"       {embeddedTermsAllowed = false;}
    term "powerbook firewire"     {embeddedTermsAllowed = false;}
    term "Office application"    {exactMatch = true; embeddedTermsAllowed = false;}
    term "Windows application"   {exactMatch = true; embeddedTermsAllowed = false;}
    term "can't login"           {synset = "cantlogin";}
    term "can't log in"          {synset = "cantlogin";}
    term "cannot login"          {synset = "cantlogin";}
    term "cannot log in"          {synset = "cantlogin";}
    term "can not login"          {synset = "cantlogin";}
    term "can not log in"          {synset = "cantlogin";}
}

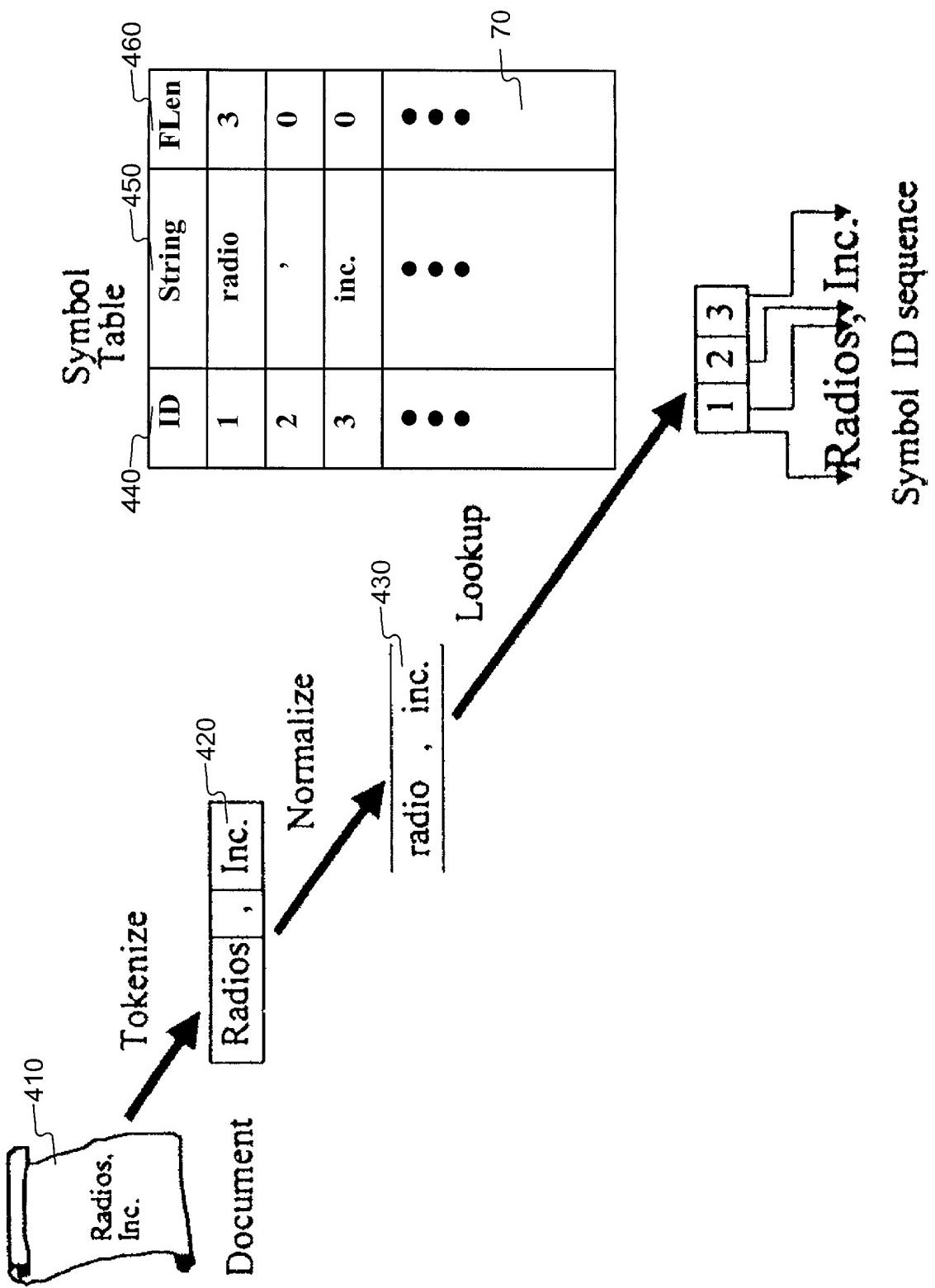
```

310

320

20

FIG. 3



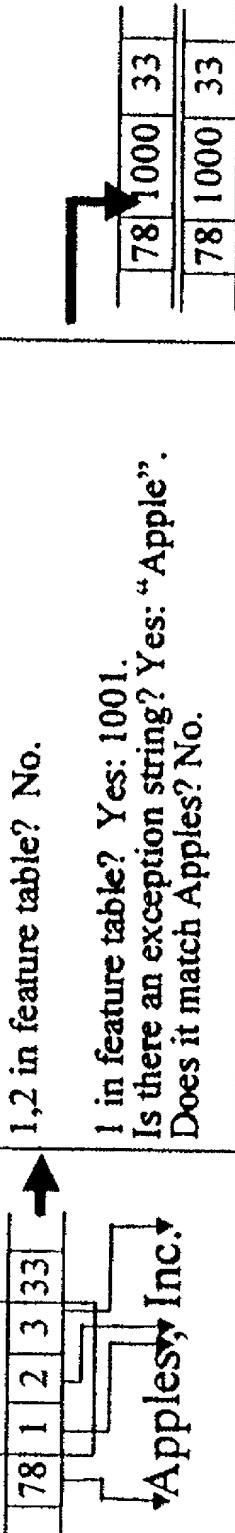
Scan for Features

1,2,3 in feature table? Yes: 1000.
Is there an exception string? Yes: "Apples, Inc."
Does it match Apples, Inc.? Yes. Output 1000.



1,2 in feature table? No.

! in feature table? Yes: 100!
Is there an exception string? Yes: “Apple”.
Does it match Apples? No.



Feature Vector Set

ID	String	FLen	FID	Feature	Exception String	Embeds	Type	Term ID
1	apple	3	1000	1, 2, 3	Apples, Inc.	Yes	Org	No
2	j	0	1001	1	Apple	No	Org	Yes
3	inc.	0	1002	33,387		No	Term	No
33	shelf	0			•	•	•	•
387	life	0			•	•	•	•

5

610

```
evidence HWTY_monitor
  // description: monitors and displays
  human "monitors and displays" {weight = .9};
  human "monitor" {scope = queryOnly}; 630
  human "monitorProxy",
  human "monitor talk";
  human "screen"
  human "displaye"
  human "monitor displays"
  human "video monitor";
  human "video tape"
  human "video camera"
  human "HDTV";
  human "LCD panel";
  human "LCD projector";
  human "LCD";
  human "LCD";
  human "Liquid Crystal Displays";
  human "Multiscan";
```

620

630

FIG. 6

FIG. 7

S:\SMITH\LEV565\6004\Drawings.vsd

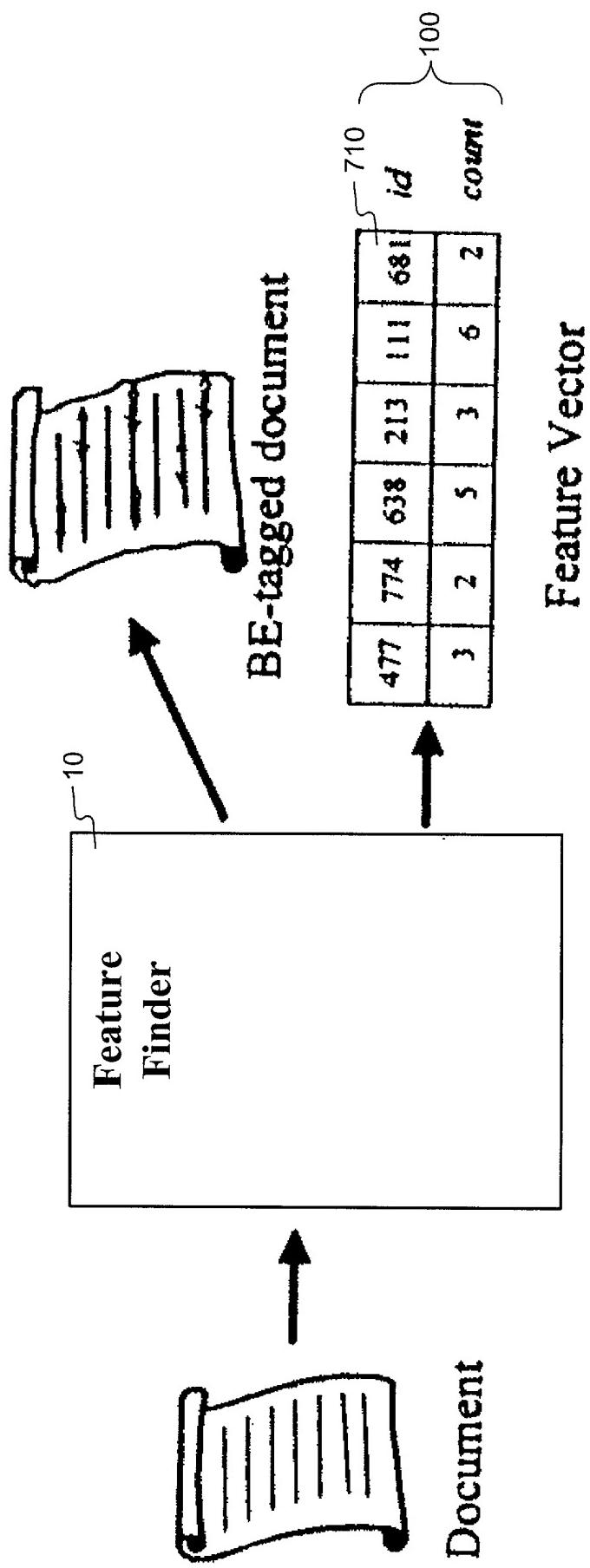


FIG. 8

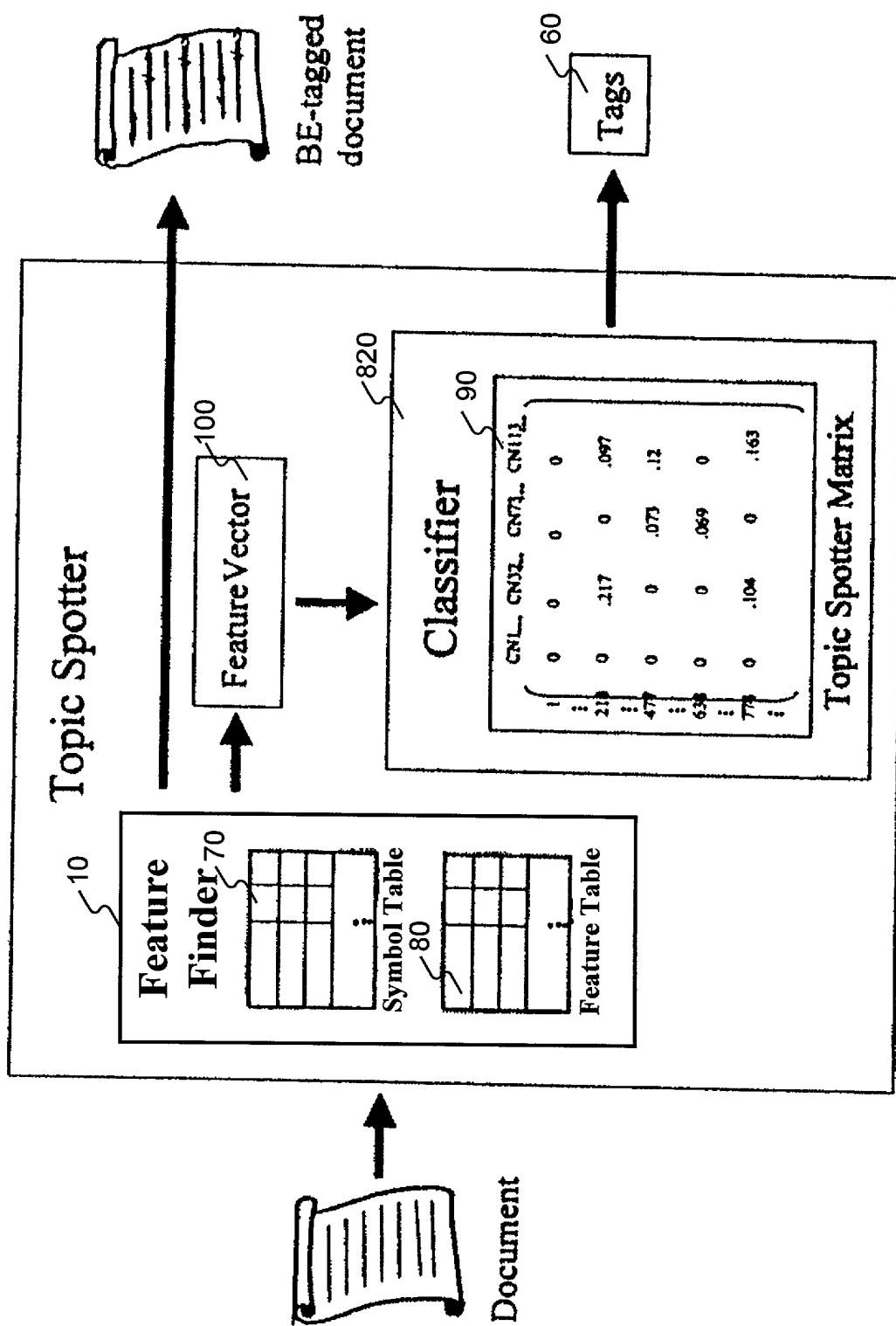


FIG. 9

S.1SMITHLE756916004|Drawings used

$$\begin{aligned} C_i &= \sum W_{ij} * f_j \\ &= \left[C_i \right] = \left[W_{ij} \right] * \left[f_j \right] \end{aligned}$$